

G21 Fire Panel - UL Roof

Roofs & ceilings

Sheet 10.1.0.0 -1 - Version 13/06/2022

Performances

- Fire resistance Three hours fire rating in accordance with CAN/ULC-S101 / UL263 including 190 kg/m² load.
- Sound insulation 30 dB in accordance with EN ISO 140-3.
- Thermal insulation U = 0.19 W/m²K.
- Durability Design life of 40 years with minimum maintenance.
- Weight 29.2 kg/m² at 200mm panel thickness.
- Core density 90 kg/m³ - EN 14509.
- Flame spread Class A (0-25) in accordance with ASTM E84 / CAN/ULC-S102.
- Water permeability (EN 14509) Class B (900Pa).
- Certification UL listed, File: R40035 - US Certification.

Materials

- Core material 200 mm mineral wool.
- Panel skins 0.6 mm coil coated galvanized steel sheets in accordance with ASTM A653 including ZA with Prisma coating, thickness 40 micron - external skin.
0.6 mm coil coated galvanized steel sheets in accordance with ASTM A653 including ZA with PVDF coating, thickness 25 micron - internal skin.
 - Corrosion resistance 1000 h salt spray test - EN 13523-8.
 - Corrosion resistance 1500 h humidity - EN 13523-26.
 - Corrosion resistance category RC5 - EN 10169:2010.

Overview

